

LOCKHEED AIRCRAFT CORP.		ENGINEERING STUDY <input type="checkbox"/>	CHANGE PROPOSAL <input checked="" type="checkbox"/>	LAC -71						
DATE 2-17-60		AFFECTS: WSPO <input type="checkbox"/>	PROJECT <input checked="" type="checkbox"/>							
NAME OF MAJOR COMPONENT AIRPLANE		PART OR LOWEST SUBASSEMBLY HEAT EXCHANGER	PART NO. & MODEL OR TYPE 87880-4							
TITLE OF PROPOSAL : REPLACEMENT -- U-2C FUEL - OIL HEAT EXCHANGER										
NATURE OF PROPOSAL :										
<p>1. Remove existing fuel-oil heat exchanger (P/N 87880-4) with high fuel temperature settings from all U-2C aircraft, and replace with standard heat exchanger (P/N 87880-3) used on U-2A aircraft.</p> <p>2. Prepare and issue a Service Bulletin.</p> <p>NOTE:- No parts will be supplied in kits as the 87880-3 heat exchangers can be obtained from stock.</p>										
REASON FOR PROPOSAL :										
<p>To decrease fuel heating and "manufactured" fuel. This will allow more of the fuel on board to be used and should improve the mission fuel-time relationship by about 1% to 1$\frac{1}{2}$. In addition, this will simplify stock and supply problems since U-2A aircraft are already equipped with the replacement part.</p>										
ES	ESTIMATED COST AND TIME INVOLVED : ---									
ADDITIONAL FUNDING REQUIRED : ---										
CP	ESTIMATED COST FOR KITS OR PARTS : None									
ADDITIONAL FUNDING REQUIRED : None										
ITEMS AFFECTED BY PROPOSAL :										
SAFETY <input type="checkbox"/>	MISSION EFFECTIVENESS <input checked="" type="checkbox"/>	PERFORMANCE <input checked="" type="checkbox"/>	OPERATING PROCEDURE <input type="checkbox"/>	INTER-CHANGEABILITY <input type="checkbox"/>	WEIGHT OR WEIGHT & BALANCE <input type="checkbox"/>	TOOLS & SUPPORT EQUIPMENT <input type="checkbox"/>	MAINTENANCE PROCEDURE <input type="checkbox"/>	SERVICE LIFE <input type="checkbox"/>	FLIGHT MANUAL <input type="checkbox"/>	MAINTENANCE MANUAL <input checked="" type="checkbox"/>
EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD					1 Hr. (Not including engine removal)					
SOURCE OF PARTS FOR KIT None					AVAILABILITY --- WEEKS AFTER APPROVAL					
DISPOSITION OF SPARES AFFECTED P/N 87880-4 parts are reworkable.										
INITIATED BY : L.A.C.					APPROVED : <i>3/9/60</i> PROJECT					